

What is claimed is:

1. A dynamic image composition apparatus for combining and plotting one or more images, 5 comprising:
 - a plurality of plot information generating devices generating plot information used to plot a dynamic image;
 - an image management device managing image data 10 of each image and generating plot information at a present time of each image by combining one or more pieces of information generated by one or more of the plurality of the plot information generating devices; and
 - 15 a plotting device receiving the image data and the plot information at the present time from the image management device and plotting the image data based on the plot information at the present time.
- 20 2. The dynamic image composition apparatus according to claim 1, wherein
said plot information generating device generates absolute plot information.
- 25 3. The dynamic image composition apparatus

according to claim 1, wherein

said plot information generating device generates a difference of plot information between a previous time and the present time.

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4. The dynamic image composition apparatus according to claim 1, further comprising

a plot information function management device
storing one or more plot information functions,
10 wherein

at least one of said plurality of said plot information generating devices store identification information for referring to a plot information function and calculates the plot information using the plot information function corresponding to the identification information.

5. The dynamic image composition apparatus according to claim 1, further comprising

20 a plot information string management device
storing one or more plot information strings
including discrete plot information,
wherein

25 at least one of said plurality of said plot information generating devices store

identification information for referring to a plot information string and calculates the plot information using the plot information string corresponding to the identification information.

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6. The dynamic image composition apparatus according to claim 5, wherein

10 said at least one of said plurality of said plot information generating devices calculate the plot information by performing interpolation using the discrete plot information included in the plot information string.

15 7. The dynamic image composition apparatus according to claim 1, wherein

said plot information generating device stores a parameter for modifying plot information and calculates the plot information using the parameter.

20 8. The dynamic image composition apparatus according to claim 1, wherein

25 said plot information generating device generates as the plot information information about a plot position on a screen of an image.

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9. A dynamic image composition apparatus for combining and plotting one or more images, comprising:

an image management device provided for each image, for including a plurality of sequentially ordered plot information generating devices for generating plot information used to plot a dynamic image, a first plot information generating device updating plot information at a previous time and passing the plot information to a subsequent plot information generating device, an intermediate plot information generating device updating plot information provided by a preceding plot information generating device and passing the plot information to a subsequent plot information generating device, and a last plot information generating device updating plot information provided by a preceding plot information generating device and generating plot information at a present time; and

20 a plotting device for receiving the plot information at the present time from the image management device and plotting a corresponding image based on the plot information at the present time.

25 10. The dynamic image composition apparatus

according to claim 9, wherein

each plot information generating device generates a difference of plot information between the previous time and the present time, adds the 5 difference to inputted plot information and updates the inputted plot information.

11. A dynamic image composition apparatus for combining and plotting one or more images, 10 comprising:

an image management device provided for each image, for including a plurality of plot information generating devices for generating a difference of plot information used to plot a dynamic image between 15 a previous time and a present time and device for generating plot information at the present time using a sum of differences generated by the plurality of the plot information generating devices; and

20 plotting device for receiving the plot information at the present time from the image management device and plotting a corresponding image based on the plot information at the present time.

12. A dynamic image composition apparatus for 25 combining and plotting one or more images,

comprising:

a plurality of plot information generating devices for generating information about a plot position in correspondence with a movement element
5 which generates a movement of a dynamic image on a screen;

an image management device for managing image data of each image and generates information about a plot position at a present time of each image by
10 combining one or more pieces of information generated by one or more of the plurality of the plot information generating devices; and

a plotting device for receiving the image data and the information about the plot position at the
15 present time from the image management device and plotting image data based on the information about the plot position at the present time.

13. A computer-readable storage medium on which is
20 recorded a program for enabling a computer to execute a process, the process comprising:

generating a plurality of pieces of plot information used to plot an image, for each image;
generating plot information at a present time
25 of each image by combining the plurality of pieces

of plot information ; and

plotting each image based on the plot information at the present time.

5 14. A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating plot information at a present time by updating plot information used to plot an image
10 at a previous time for each image by a plurality of sequentially ordered plot information generating processes; and

plotting each image based on the plot information at the present time.

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15. A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating differences of a plurality of
20 pieces of plot information used to plot an image between a previous time and a present time, for each image;

generating plot information at the present time of each image using a sum of the differences
25 of the plurality of the pieces of the plot

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information; and

plotting each image based on the plot information at the present time.

5 16. A dynamic image composition method for combining and plotting one or more images, comprising:

generating a plurality of pieces of plot information used to plot an image, for each image;

10 generating plot information at a present time of each image by combining the plurality of pieces of plot information; and

plotting each image based on the plot information at the present time.

15 17. A dynamic image composition apparatus for combining and plotting one or more images, comprising:

20 a plurality of plot information generating means for generating plot information used to plot a dynamic image;

image management means for managing image data of each image and generating plot information at a present time of each image by combining one or more pieces of information generated by one or more 25 of the plurality of the plot information generating

means; and

plotting means for receiving the image data and the plot information at the present time from the image management means and plotting the image 5 data based on the plot information at the present time.

18. A dynamic image composition apparatus for combining and plotting one or more images, 10 comprising:

image management means provided for each image, for including a plurality of sequentially ordered plot information generating means for generating plot information used to plot a dynamic image, a 15 first plot information generating means updating plot information at a previous time and passing the plot information to a subsequent plot information generating means, an intermediate plot information generating means updating plot information provided 20 by a preceding plot information generating means and passing the plot information to a subsequent plot information generating means, and a last plot information generating means updating plot information provided by a preceding plot 25 information generating means and generating plot

information at a present time; and

plotting means for receiving the plot information at the present time from the image management means and plotting a corresponding image

5 based on the plot information at the present time.

19. A dynamic image composition apparatus for combining and plotting one or more images, comprising:

10 image management means provided for each image, for including a plurality of plot information generating means for generating a difference of plot information used to plot a dynamic image between a previous time and a present time and means for

15 generating plot information at the present time using a sum of differences generated by the plurality of the plot information generating means; and

plotting means for receiving the plot information at the present time from the image

20 management means and plotting a corresponding image based on the plot information at the present time.